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(71) Applicant (for all designated States except US): **VIA-TRONIX INCORPORATED** [US/US]; 25 East Loop Road, Stony Brook, NY 11790 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CAI, Wenli** [CN/US]; 66 Sawyer Avenue Apt. 1, Dorchester, MA 02125 (US). **CHEN, Dongqing** [CN/US]; 7 Stuyvesant Circle East, Setauket, NY 11733 (US). **DACHILLE IX, Frank, C.** [US/US]; 94 Central Avenue, Amityville, NY 11701 (US).

(74) Agents: **DEROSA, Frank, V.** et al.; F. Chau & Associates, LLC, 130 Woodbury Road, Woodbury, NY 11797 (US).

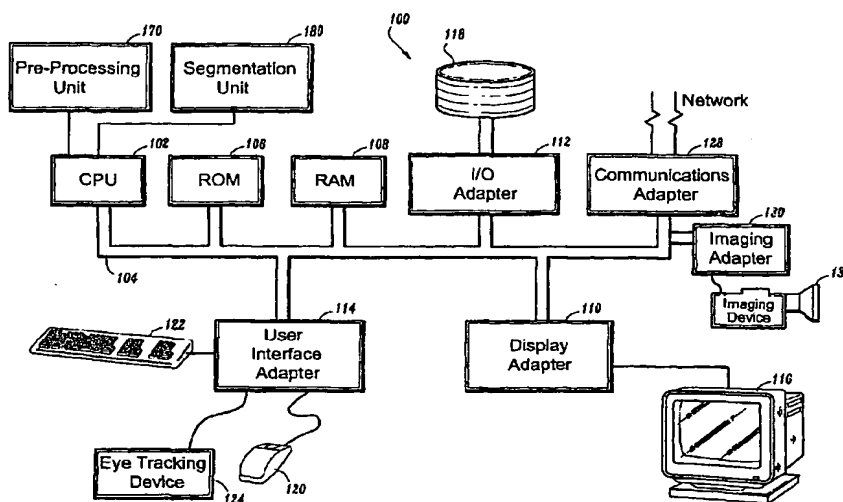
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(54) Title: VESSEL SEGMENTATION USING VESSELNESS AND EDGENESS



(57) Abstract: A system (100) and corresponding method for vessel segmentation are provided, the system having an adapter (112, 128, 130) for receiving image data, a processor (102) in signal communication with the input adapter, a pre-processing unit (170) in signal communication with the processor for pre-processing the received image data, and a vessel segmentation unit (180) in signal communication with the processor for segmenting vessels using pre-processed data; and the corresponding method including receiving image data, pre-processing the received data, and segmenting vessels responsive to the pre-processed data.

WO 2005/055137 A3



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